

## NCDOT Prioritization 3.0 Project Summary

**SPOT ID: H141919**

**Mode:** Highway

**Status:** Submitted

**NC-127**

**From/Cross Street:** 1st Ave SE to 2nd Ave SE

**Specific Improvement Type:** 10 - Improve Intersection

**To:**

### Project Category: Regional Impact

**Length: 0.5**

**TIP#:**

**Fully Funded in Draft STIP? No**

**Cost to NCDOT: \$698,000**

**Description:**

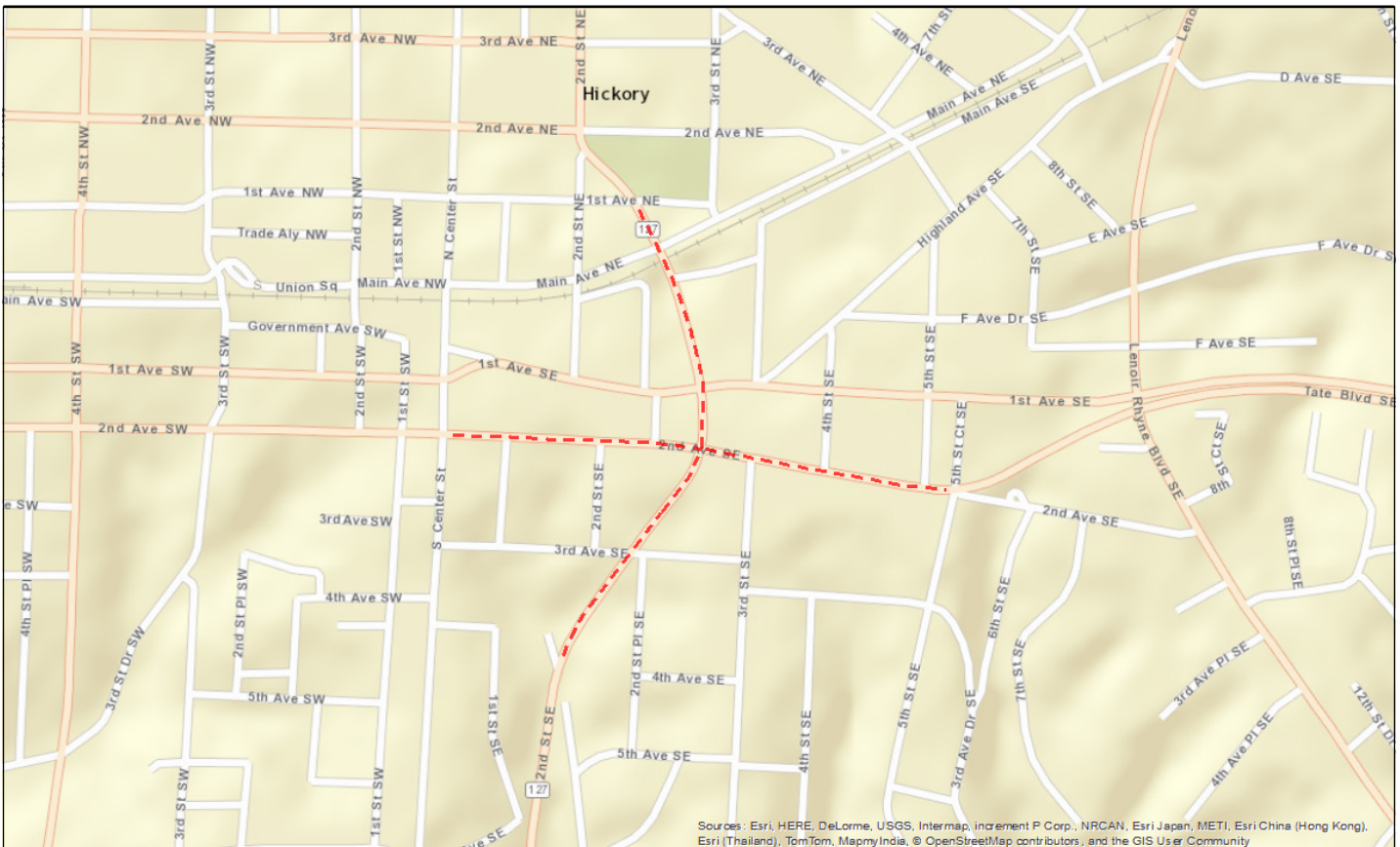
Add left turn lanes on NC 127: 1 at 1st Ave SE, dual left turn lanes at 2nd Ave SE. Note that 1st and 2nd Ave SE are a one-way pair.

**Division(s):** Division 12

**County(s):** CATAWBA

**MPOS(s)/RPO(s):** Greater Hickory MPO

## Project Location



**Statewide Mobility Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
<b>Totals: Weight: 0% Weighted Score: 0</b>	N/A	N/A

**Regional Impact Total Score: 67.35**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 30.09	Percent: 15% Points: 100	Percent: 15% Points: 100
Safety (10%) 33.35		
[Travel Time] Benefit/Cost (25%) 100.00		
Accessibility / Connectivity (10%) 14.90		
<b>Totals: Weight: 70% Weighted Score: 37.35</b>		

**Division Needs Total Score: 54.35**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Safety (10%) 33.35	Percent: 25% Points: 0	Percent: 25% Points: 100
[Travel Time] Benefit/Cost (20%) 100.00		
Congestion (V/C) (20%) 30.09		
<b>Totals: Weight: 50% Weighted Score: 29.35</b>		

**Project Data \*****Existing Conditions**

Existing Cross-Section:	
Speed Limit:	42
Length (miles):	0.5
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	Yes
Volume (AADT):	22346.28
Capacity:	63399.96
Volume/Capacity Ratio:	0.35
% Autos:	95%
% Trucks:	5%
Truck Volume:	1035.06
Crash Density:	0
Crash Severity:	0
Critical Crash Rate:	0
Crash Frequency:	66.7
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	17
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	92
Actual Congested Speed:	0
Travel Time Index:	

**Project Benefits**

Project Cross-Section:	
Speed Limit:	42
Length (miles):	0.5
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
TerrainType:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	4183000
Travel Time Savings for 30 Years (Autos):	3989247.4
Travel Time Savings for 30 Years (Trucks):	193752.6
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	Yes
CTP/LRTP Name:	Congestion Management Plan
CTP/LRTP Completion Year:	2014
Submitted by:	Division 12

\* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!ine tool and associated databases.

**Project Ownership****Division**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 12	100%	100	0
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>100</b>	<b>0</b>

**MPO/RPO**

<b>MPO/RPO</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Greater Hickory MPO	100%	100	100
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>100</b>	<b>100</b>

**Project Cost and Source**

Construction Cost:	\$563,000	Cost Estimation Tool
Right-of-Way Cost:	\$135,000	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$698,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$698,000</b>	